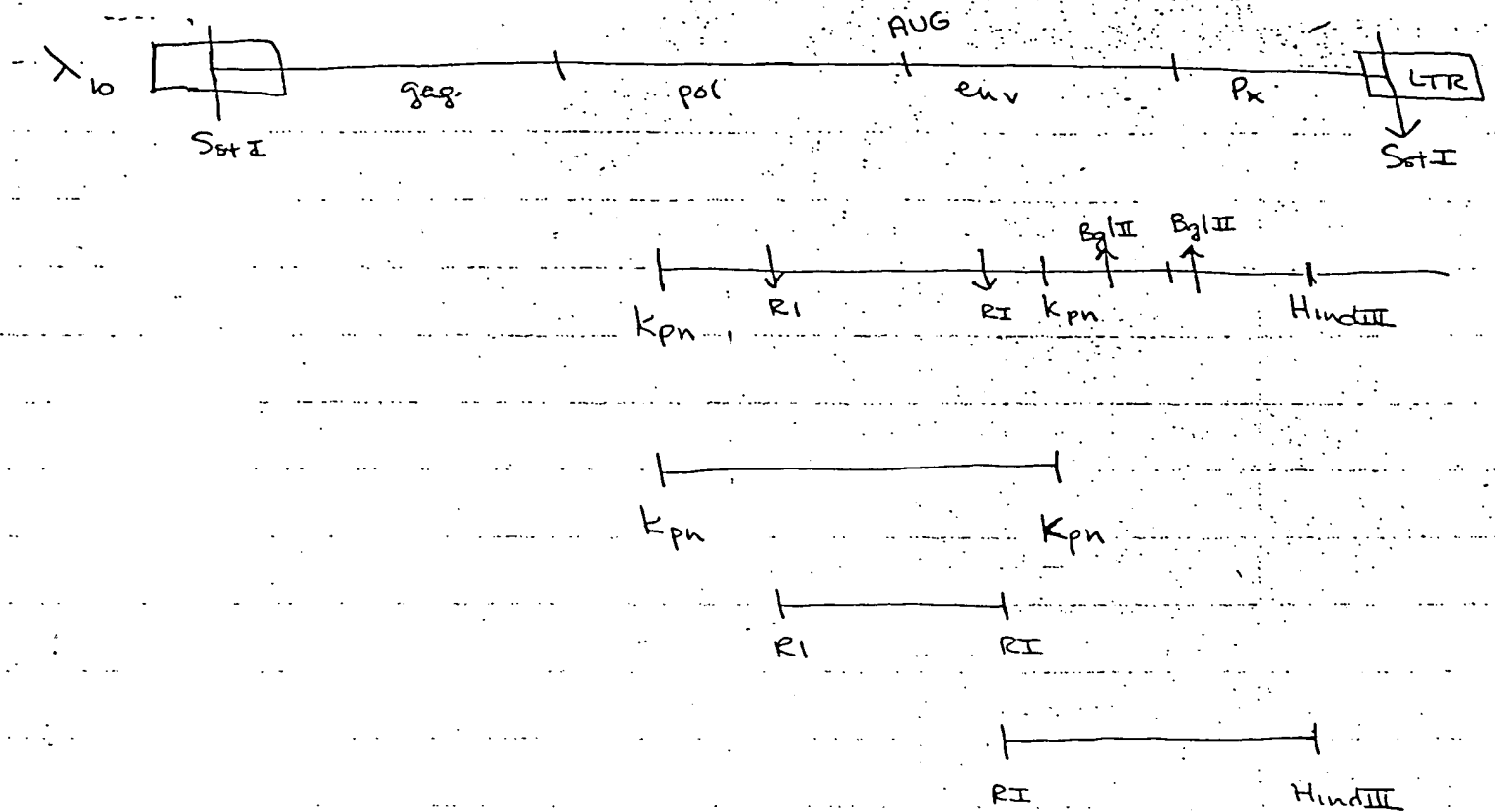
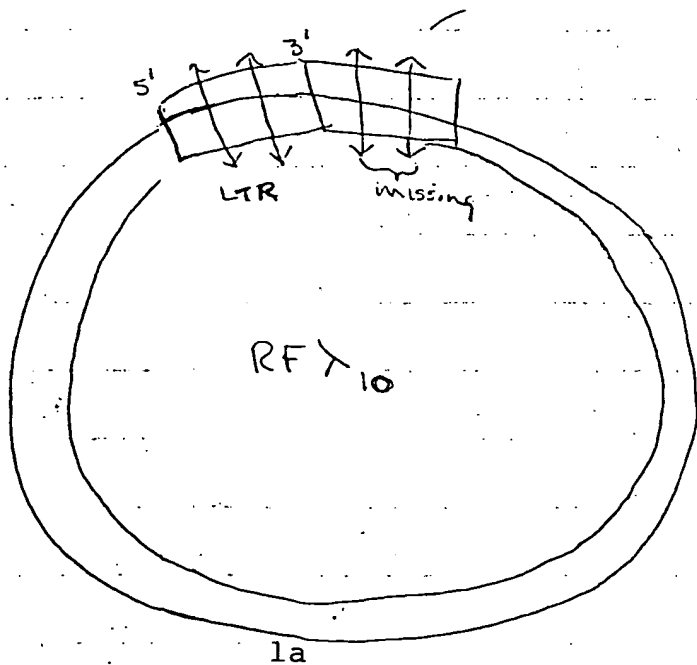


FIGURE 1



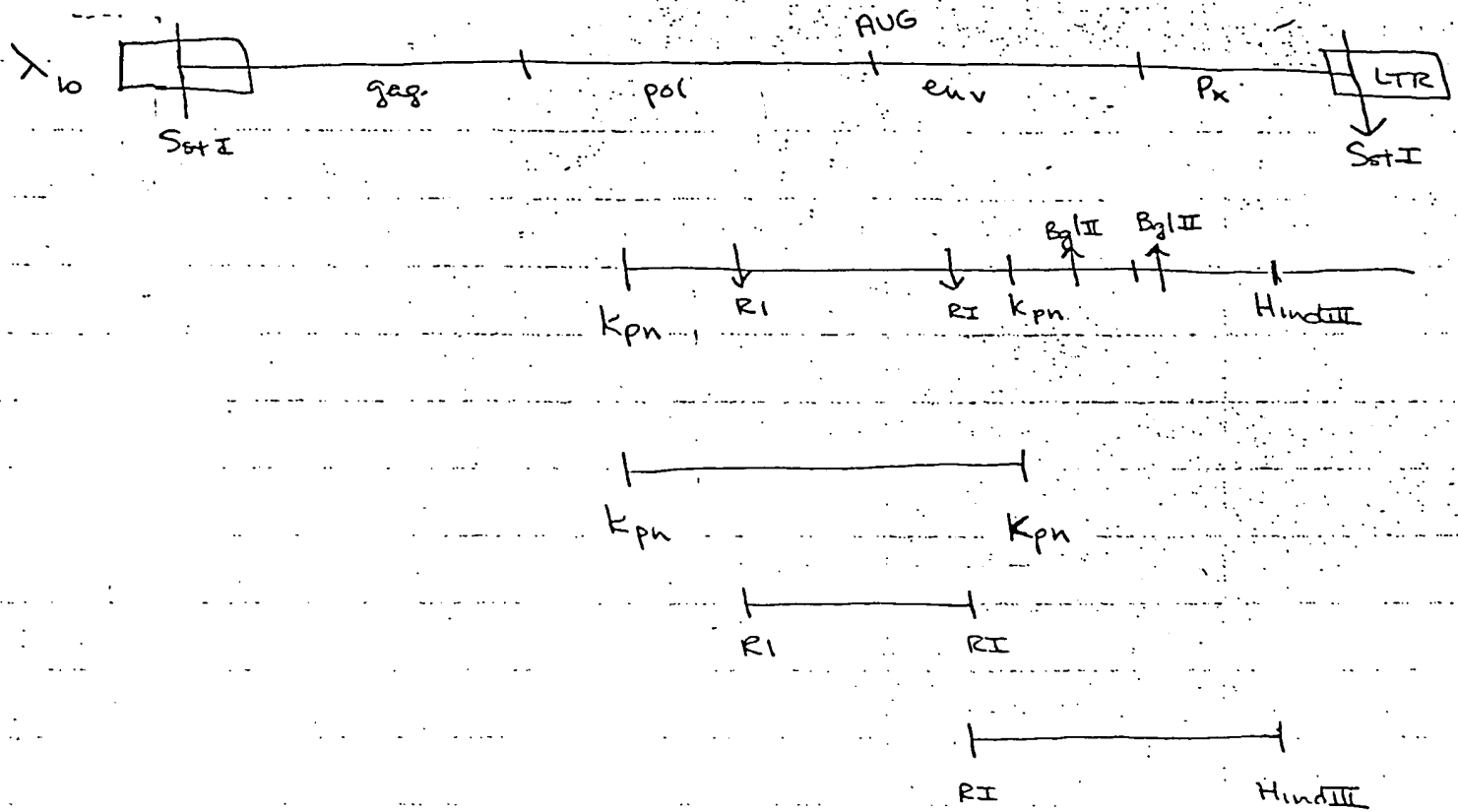
1b



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FIGURE 1



1b

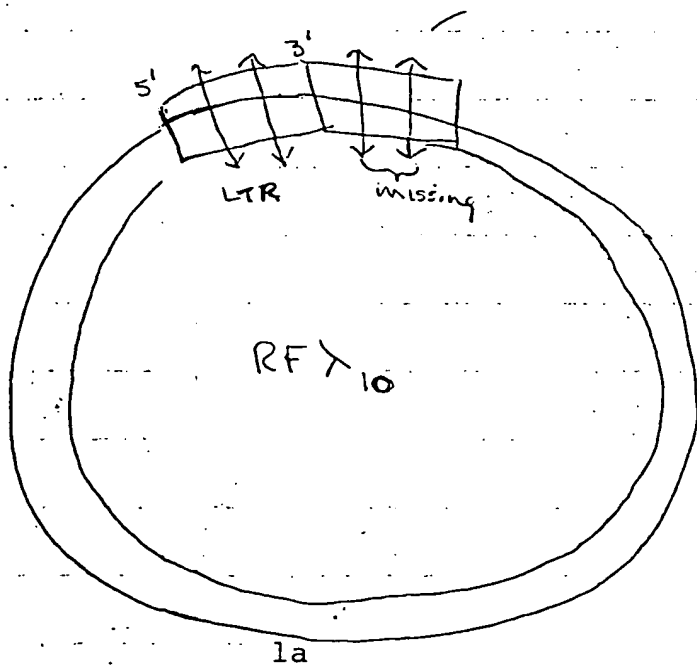


FIGURE 2

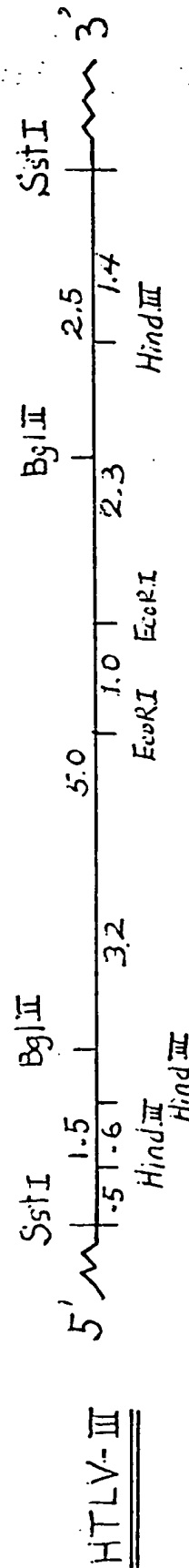
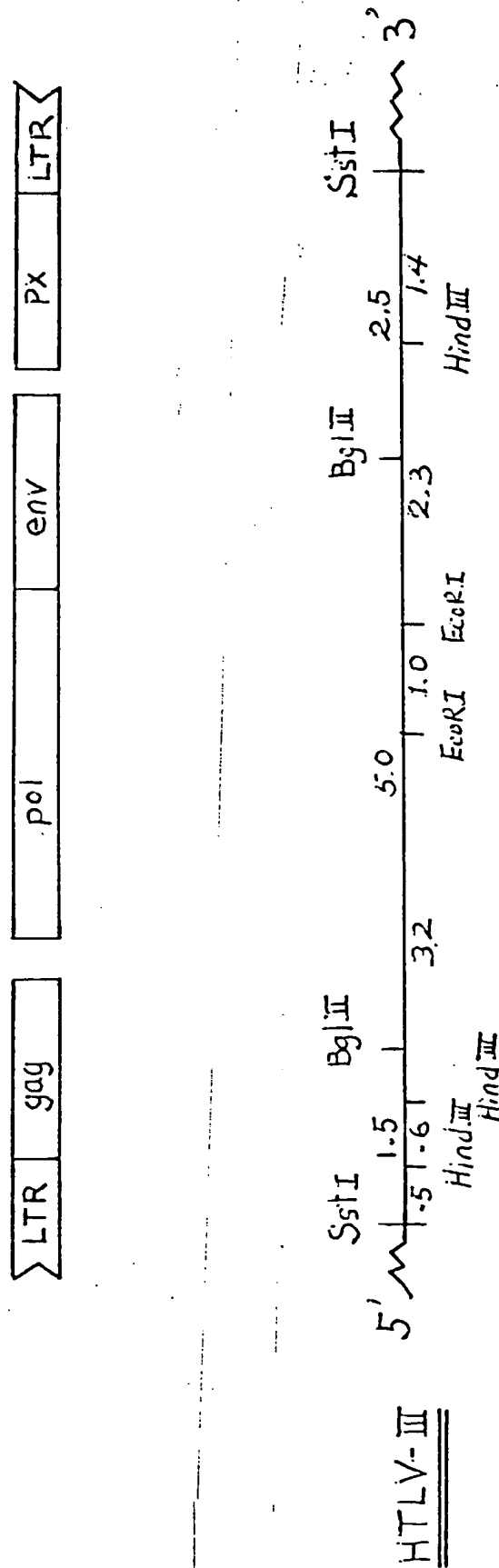


FIGURE 2



10	20	30	40	50	60	70
AAAAGCTGAG	TAAAGGCA	TTATCTAGC	TTTCAGGAT	TGAGATTAG	AGTAAGCAT	AGTACAGAC
80	90	100	110	120	130	140
CAAGATATG	GATTAGGAT	GATTGAGCA	GAGGAGATA	AAAGTGAATC	AGATTAGTC	AATCAATAG
150	160	170	180	190	200	210
TGAGAGGTT	AAAGGAGAG	GAGAGGTC	AATGAGATG	GTAGGAGCA	CAAGAGGCA	TTGAGGAGG
220	230	240	250	260	270	280
TGAGAGGTT	GATGATTAG	TGAGGTCG	AATGAGGAG	AATGATTTT	TGAGGAGAT	AGTAAAGG
290	300	310	320	330	340	350
CAAGATATG	AATGAGGAT	TGAGGAT	TGAGGATG	TTTAAAGTC	GAGGATGAG	
360	370	380	390	400	410	420
TGAGGAGG	AATGAGG	AGTGTGAT	AATGAGG	AAAGGAGG	GAGGATGAG	GAGAGGAG
430	440	450	460	470	480	490
TGAGGAGG	GATGATTAG	AATGAGG	TGAGGAT	AAAGGAGG	TTATGTCG	AATGATGAT
500	510	520	530	540	550	560
TGAGGAGG	GATGATTAG	AATGAGG	AATGAGG	AAAGGAGG	GAGGATGAG	TATTTTCTT
570	580	590	600	610	620	630
TGAGGAGG	AATGAGG	GAGGATGAG	AATGAGG	AATGATGAG	AATGATGAG	GAGGATGAG
640	650	660	670	680	690	700
TGAGGAGG	GAGGATGAG	GAGGATGAG	AAAGGAGG	TTTAAAGTC	GAGGATGAG	GAGGATGAG
710	720	730	740	750	760	770
TGAGGAGG	AATGATGAG	TAAAGGAT	AAAGGAT	TAGGAGG	AAGAGATGAG	GCTGAGATC
780	790	800	810	820	830	840
TTAGGAGG	AGTAAAGTC	GAGGATGAG	TGAGGAT	TAAAGGAGG	GAGGATGAG	GAGGATGAG
850	860	870	880	890	900	910
TGAGGAGG	AGTAAAGTC	AGTAAAGTC	AATGAGG	AAAGGAGG	AATGAGG	AGTAAAGTC
920	930	940	950	960	970	980
AAAGGATGAG	ATTTTGGG	TTATTAGG	GAGGATGAG	ATGATGAG	AAAGGAGG	GAGGATGAG

(A)

10	20	30	40	50	60	70
AAAGACTGAG	TTCAGAGCAG	TTTATCTAGC	TTTCCAGGAT	TGAGGATTAG	AGGTAAAGCAT	AGTACAGAGC
80	90	100	110	120	130	140
CCCAATATG	GATTAGGAGT	CGTTCAAGCA	GAGCGAGATA	AAAGTGAATC	AGAGTTAGTC	AATCAAGATA
150	160	170	180	190	200	210
TGAGAGGTT	AAAGGAGAGG	GAGAAAGTCT	AAGTGGGATG	CGTACGAGCA	CGCAAGAGCA	TTGCAAGAGG
220	230	240	250	260	270	280
TGAGAGGTT	GATTAATTA	TGAGTCTCTG	AATCAGGAGG	ATAGTATTTT	TGATGAGAT	AGATAAGGCG
290	300	310	320	330	340	350
CGAGATATC	ATGAGAAATA	TGAGATTAAT	TGAGAGGAGT	TGAGTATGTA	TTTAAAGCTG	CGAGTGTATG
360	370	380	390	400	410	420
TGAGAGGAG	AATAGTAGCG	AGCTGTGATA	AATGTGAGCT	AAAGGAGAGG	CGCATGAGTG	GAGAGATAGA
430	440	450	460	470	480	490
TGAGAGGAG	CGAGATATG	AATAGATTTG	TGAGATTTTA	GAAGGAGAGG	TTATCTCTCT	AAGATTTGAT
500	510	520	530	540	550	560
TGAGAGGAG	GATATATAGA	AGCAGAGGCT	ATTCAGGAGG	AAAGAGGAGG	GGAGAGAGCA	TATTTTCTTT
570	580	590	600	610	620	630
TGAGAGGAG	AGGAGATATG	CGAGTAAAAA	CAATACATAG	AGAGATATGG	AAGATTTTCA	CGAGTCTCTG
640	650	660	670	680	690	700
TGAGAGGAG	CGCTGTCTGT	CGCGGAGGAT	CAAGCAGGAG	TTTGGAGATT	CGTACAGTCT	CGAGAGTCTG
710	720	730	740	750	760	770
TGAGAGGAG	AATCTATGAG	TAAAGATTTA	AAGAAAAATA	TAGGAGAGGT	AAGAGATCAG	GCTGAGATCT
780	790	800	810	820	830	840
TTAGAGAGAG	AGTACAAATG	CGAGTATTCA	TCCAGATTTT	TAAAGAGAAA	GGGGGGGATTG	GGGGGTACAG
850	860	870	880	890	900	910
TGAGAGGAG	AGATAGTAG	ACATAATAGC	AAGAGAGATA	CAAGCTAAAG	AATTACAGAA	ACAAATTACA
920	930	940	950	960	970	980
AAAGATTCAG	ATTTTCGGGT	TTATTACAGG	GAGAGAGAGG	ATCCACTTTG	GAAGAGAGCA	CGAGAGGCTCT

FIGURE 3B

990 1000 1010 1020 1030 1040 1050
 TGTGAAAGG TGAAGGCGCA ACTAATAC AAGATGATAG TGACG AAA GTAGTCCCA GAGAGGAGG
 1060 1070 1080 1090 1100 1110 1120
 AAGCATCATT AAGGATTATG GAAACAGAT GCGAGGTCAT GATTGTGTGG CAGTAGACA GATCAGGAT
 1130 1140 1150 1160 1170 1180 1190
 TGAACATGG AAGATTIAG TAAACACCA TATGTATGTT TCAGGCAAGS CTAGGGGATG GTTTTATAGA
 1200 1210 1220 1230 1240 1250 1260
 CATCACTATG AAGGCGCTCA TCGAAGAAAT AGTTGAGAGS TAGACATCCC ACTAGGGCAT GCTAGATTGG
 1270 1280 1290 1300 1310 1320 1330
 TAATAAGAG ATATTGGGGT CTCATACAG GAGAGAGAGA CTGGCATTTG GGTGAGGCAG TGTCCATAGA
 1340 1350 1360 1370 1380 1390 1400
 ATGAGGAAA AAGACATAAT GAGACAGAT AGAGCGTCAA CTAGGAGGCG AACTAATTCA TGTGTATTAG
 1410 1420 1430 1440 1450 1460 1470
 TTTGACTGTT TTTGAGCTC TCGTATAAGA AAGGCGTTAT TAGGACACAT AGTTAGCGCT AGGTGTGAT
 1480 1490 1500 1510 1520 1530 1540
 ATCAAGCAGG ACATAACAGG GTAGCATCTC TACAATACTT GCGACTAGCA GCAATTGATAG CAGGAGAGAA
 1550 1560 1570 1580 1590 1600 1610
 GATAGAGCGA CTTTGGCTA GTGTTACTTA ACTGACAGAG GATAGATGGA ACGAGCGCGA GAGAGAGCA
 1620 1630 1640 1650 1660 1670 1680
 GCGGACAGCA GCGAGCGACA CAATGATGG ACGTAGAGC TTTTAGAGGA GTTAAAGAT GAGGCTGTA
 1690 1700 1710 1720 1730 1740 1750
 GACATTTTC TAGGATTGG CTCATGGCT TAGGCGACA TATGTATGAA ACTTATGGGG ATACTTGGGC
 1760 1770 1780 1790 1800 1810 1820
 AGGAGTGGAA GCGATAATAG GAATTGTGCA ACGACTGCTG TTTATCCATT TTCAGAAATG GGTGTGACA
 1830 1840 1850 1860 1870 1880 1890
 TAGCAGATA GCGGTTACTC GACAGAGGAG AGCAAGAAAT GGAGCCAGCA GATCCTAGAG TAGAGCCCGG
 1900 1910 1920 1930 1940 1950 1960
 AAGCATCCAG GAAGTCAGCC TAAAGTGTCT TGTACCAATT GCTATTGTAA AAGTGTTC TTTGATTGCC
 1970 1980 1990 2000 2010 2020 2030
 AAGTTTGTTC CATACAAAA GCGTTAGGCA TGTCTATGG CAGGAGAGAG CGGAGACAGC GAGGAGAGCC
 2040 2050 2060 2070 2080 2090 2100
 GCGTCAAGGG AGTCAGACTC ATCAAGTTTC TGTATCAAG CAGTAAGTAG TACATGTAAT GCAAGCTATA
 2110 2120 2130 2140 2150 2160 2170
 CAAGTAGCAA TAGTAGCATT AGTAGTAGCA ATAATAATAG CAATAGTTGT GTGGTCCATA GTAGTCATAG
 2180 2190 2200 2210 2220 2230 2240
 AATATAGAA CATATTAGCA CAAAGAAAA TAGACAGGTT AATTGATAGA CTAATAGAGA GAGGAGAGCA
 2250 2260 2270 2280 2290 2300 2310
 CAGTGGCAAT GAGAGTGAGG GAGAAATATC AGCACTTGTG CAGATGGGGC TGAGATGGGG GCGAGATCC
 2320 2330 2340 2350 2360 2370 2380
 GCTTGGATG TGTATGATC GTAGTGTAC AGAAAAATTC TGCTCAGAG TGTATTATGG GGTAGCTGGG

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990	1000	1010	1020	1030	1040	1050
TCTGGAAGGC	TGAGGCGGCA	TACTAAIAC	AGCATATAG	TGAC	GAAGGCGCA	GAAGGCGCA
1060	1070	1080	1090	1100	1110	1120
AGGATCATT	AGGATTATG	GAAGACAGAT	GCGAGTGTAT	GATTCTGTGG	CAAGTAGACA	GCATGCGGAT
1130	1140	1150	1160	1170	1180	1190
TGAGACATGG	AGAGCTTIAA	TAAACACCCA	TATGTATGTT	TCAGGGAAGG	CTAGCGGATG	GTTTATAGAA
1200	1210	1220	1230	1240	1250	1260
GATCACTATG	GAAGCGCTCA	TCCAGAGATA	AGTTGAGAGG	TACACATCCC	ACTAGCGGAT	GCTAGATTGG
1270	1280	1290	1300	1310	1320	1330
TATAGCAGG	ATGTTCGGGT	CTGCATACAG	GAGAGAGAGA	CTGGCATTTG	GCTCAGGCGG	TCTCCATAGA
1340	1350	1360	1370	1380	1390	1400
ATCGAGGAA	AGAGATATA	GCACACAGAT	AGAGCGTCAA	CTAGCAGGCG	AGCTAATTCA	TCTGTATTAG
1410	1420	1430	1440	1450	1460	1470
TTCAGCTGTT	TTTCAGAGTG	TGCTATAAGA	AGGCGCTTAT	TAGGACACAT	AGTTAGCGCT	AGGTGTGAGT
1480	1490	1500	1510	1520	1530	1540
ATCAGCGCGG	ACATAGCAAG	GTAGCATGTC	TACAATACTT	GCGACTAGCA	GCAITTAATA	CACCGAGAGA
1550	1560	1570	1580	1590	1600	1610
GATAGAGCGA	GTTTTGCTA	GTGTTACTTA	ACTGACAGAG	GATAGATGGA	ACAAGCGCGG	GAAGGAGCGA
1620	1630	1640	1650	1660	1670	1680
GCAGCAGAG	GCGAGCGAGA	CAATGAGTGG	AGACTAGAGC	TTTTAGGGA	GCTTAAGGAT	GAAGCTGTTA
1690	1700	1710	1720	1730	1740	1750
GACATTTTGG	TAGGATTTGG	CTCCATGGCT	TAGGCGAGCA	TATCTATGAA	ACTTATGGGG	ATACTTGGGG
1760	1770	1780	1790	1800	1810	1820
AGGAGTGGAA	GCCATAATAG	GAATTCTGCA	ACAAGTGGTG	TTTATCCATT	TTCAGAGTTG	GCTGTGCGCA
1830	1840	1850	1860	1870	1880	1890
TAGCAGATA	GCGGTTACTC	GACAGAGGAG	AGCAGGAAAT	GGAGCCAGCA	GATCCTAGAG	TAGAGCGCGG
1900	1910	1920	1930	1940	1950	1960
AGGATCCAG	GAAGTCAGCC	TAAAGTGGT	TGTACCAATT	GCTATTGTAA	AAAGTGTTCG	TTTCATTGCC
1970	1980	1990	2000	2010	2020	2030
AGGTTTGTTC	CATAGCAAAA	GCCTTAGGCA	TCTCCTATGG	CAGGAGAGAG	GCGAGACAGC	GACGAGAGCC
2040	2050	2060	2070	2080	2090	2100
GCCTCAGGCG	AGTCAGACTC	ATCAGGTTTC	TCTATCAAGG	CAGTAAATAG	TACATGTAAT	GCAAGCTATA
2110	2120	2130	2140	2150	2160	2170
CAAGTAGCAA	TAGTAGGATT	AGTAGTAGCA	ATAATAATAG	CAATAGTTGT	GTGGTCCATA	GTAATCATAG
2180	2190	2200	2210	2220	2230	2240
AAATAGGAA	AATATTAGAA	CAGAGAGAAA	TAGACAGGTT	AATTGATAGA	CTAATAGAAA	GACGAGAGAA
2250	2260	2270	2280	2290	2300	2310
CAGTGGCAAT	GAGAGTGAAG	GAGAGATATC	AGCAGTTGTT	GAGATGGGGG	TGGAGATGGG	GCAAGCTGCT
2320	2330	2340	2350	2360	2370	2380
GCTTGGGATG	TGATGATG	GTAGTGGTAC	AGGAGAGATG	TGGGTCAGAG	TGTATTATGG	GCTAGCTGCT

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2390 2400 2410 2420 2430 2440 2450
TGGAGGCGAG CAACGAGGAG TGTATTTTGT GCATCAGATG CTAAAGCATA TGATACAAGA GGTACATAAT

2460 2470 2480 2490 2500 2510 2520
GTTTGGGCGA CAGATGGCTG TGTACCGACA GAGCGGAGCG CACAAGAGGT AGTATTGGTA AGTGTGACAG

2530 2540 2550 2560 2570 2580 2590
AAGATTTTAA CATGTGCGAA AATGACATCG TAGAGCAGGT GCATCAGGAT ATAATCATT TATGGGATCA

2600 2610 2620 2630 2640 2650 2660
AGCGCTAAGG CGATGTGTAA AATTAGCCCG AGTGTGTGTT AGTTTAAAGT GCATCTGTTT GAGGATGAT

2670 2680 2690 2700 2710 2720 2730
ACTAATACCG ATAGTACTAG GGGGAGATG ATATGCGAGA AGGAGAGAT GAGGAGCTCG TCTTTCATG

2740 2750 2760 2770 2780 2790 2800
TGAGGAGAG CATAGAGGT AAGGTGCGAG AAGGATATCG ATTTTTTAT AAGCTTGATA TATACCAAT

2810 2820 2830 2840 2850 2860 2870
AGATATGAT ACTACGAGT ATAGGTTGAG AAGTTGTAG AGCTCAGTCA TTACACAGCG CTGTCCAAAG

2880 2890 2900 2910 2920 2930 2940
GATGCTTTG AGCGATTCG CATACATTAT TGTGCGCGCG CTGGTTTTGC GATTCTAAAA TGTAAATAA

2950 2960 2970 2980 2990 3000 3010
AGAGGTTAA TGGACAGGA CGATGTACAA ATGTGAGCAG AGTACGATGT ACACATGGA TTAGCGCAGT

3020 3030 3040 3050 3060 3070 3080
AGTATCACT CAAGTGTGT TAAATGCGAG TGTACGAGAA GAAGAGGTAG TAATTAGATC TGTCAATTG

3090 3100 3110
ACGAGCAATG CTAAAGCAT AATAGTACAG CT

C

2390 2400 2410 2420 2430 2440 2450
TGGAGGGAAG CAGCCAGCAG TGTATTTTGT GGTACAGATG CTAAAGCATA TGATACAAGA GGTACATAAT

2460 2470 2480 2490 2500 2510 2520
GTTTGGGCGA CACATGGCTG TGTACCCACA GAGCCGAGCC CAGAGAGAGT AGTATTGGTA AGTGTGACAG

2530 2540 2550 2560 2570 2580 2590
AAGATTTTAA CATGTGGAAA AATGACATGG TAGAGCAGGT GGTACAGGAT ATAATCATTI TATGGGATCA

2600 2610 2620 2630 2640 2650 2660
GAGCCTAAGG GGTGTGTAA GATTAGCCCG AGTGTGTGTI AGTITAGAGT GGTCTGTTI GAGGATGAT

2670 2680 2690 2700 2710 2720 2730
ACTAATAGCA ATAGTAGTAG GGGGAGAGT ATATGGAGA AGGAGAGAT GAGAGAGTGG TGTTCAGTA

2740 2750 2760 2770 2780 2790 2800
TGAGGAGAGG CATAGAGGT AGGTGGAGA AAGAGATGGC ATTTTTTAT AAGCTTGATA TATAGCAAT

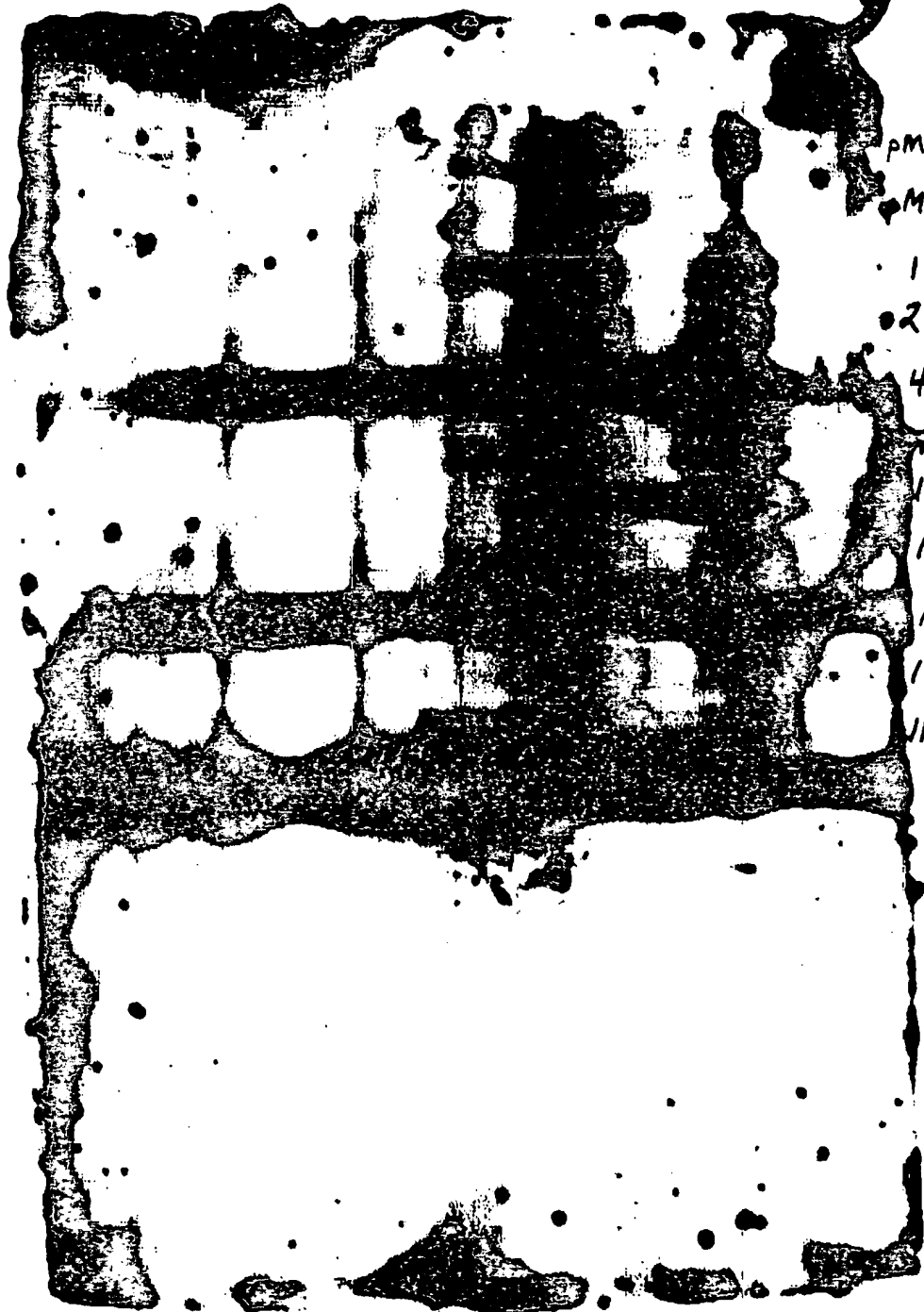
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AGATAGTAGT ACTAGAGGT ATAGGTTGAG AAGTTGTAGC AGCTCAGTCA TTACACAGGG CTGTCCAAAG

2880 2890 2900 2910 2920 2930 2940
GTATGCTTGG AGCAATTCG CATACATTAT TGTGCCCCGG CTGTTTTTGC GATTCTAAAA TGTAAATAA

2950 2960 2970 2980 2990 3000 3010
AGAGGTTTAA TGGAGAGGA GGTGTAGAA ATGTGAGGAC AGTACAGTGT ACACATGGAA TTAGGCCAGT

3020 3030 3040 3050 3060 3070 3080
AGTATCAAGT CAGCTGCTGT TAAATGCCAG TGTACGAGAA GAGAGGTAAG TAATTAGATC TGTCAATTC

3090 3100 3110
ACGGACAATG CTAAAGCCAT AATAGTACAG CT



PMR100
PMR200

1+

2+

4+

7+

103

105F

1074

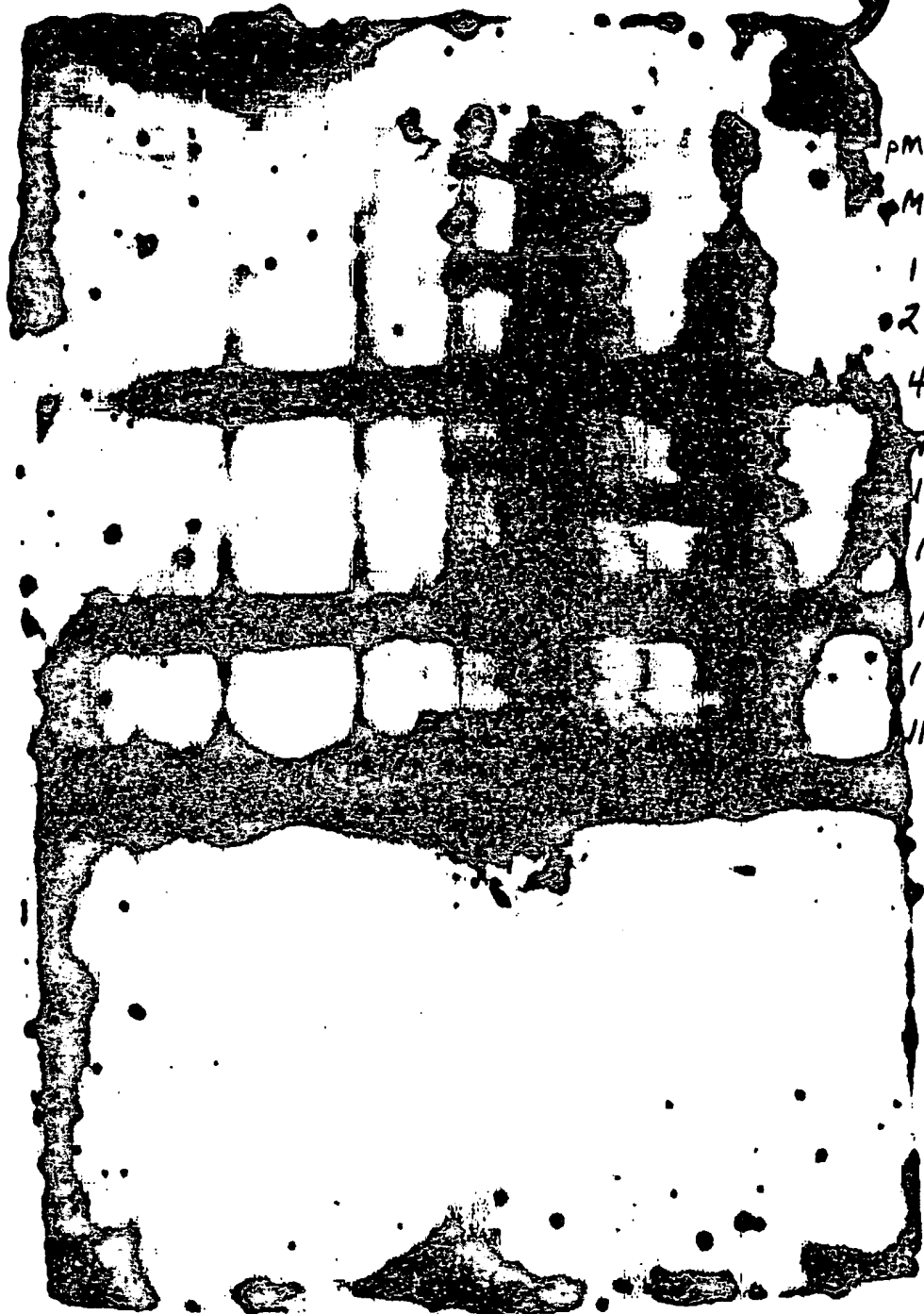
117

118

φ

*Ph
Double
Screen
180°*

10/10/84



PMR100

PMR200

1+

2+

4+

7+

103

105F

1074

117

118

φ

*Phy
Ladder
Screen
180°C*

1/5/84

990	1000	1010	1020	1030	1040	1050
TCTGAGAGGC	TGAGAGGCGCA	TGCTAAATC	AGCTATATAG	TGAGATGAA	GTAGTCCCA	CGAGAGAGGC
1060	1070	1080	1090	1100	1110	1120
AAGGATCATT	AGGATTATG	GAAAACAGAT	GCGAGCTGAT	CAITCTCTGG	CAAGTAGACA	CGATCAGGAT
1130	1140	1150	1160	1170	1180	1190
TGAGACATCG	AGAGCTTAC	TAAAACACCA	TATGTATGTT	TCAGGCAAGS	CTAGCGGATG	CTTTTATAGA
1200	1210	1220	1230	1240	1250	1260
CATCACTATG	AGAGCGCTCA	TCCAAGAAAT	AGTTCCAGAG	TACADATCCC	ACTAGCGCAT	GCTAGATTGG
1270	1280	1290	1300	1310	1320	1330
TAGTAGAGGC	ATATTCGGGT	CTGCATACAG	GAGAGAGAGA	CTGGCATTTC	GCTCAGGCAAG	TCTCCATAGA
1340	1350	1360	1370	1380	1390	1400
ATCGAGGAA	AGAGATATA	CGACACAGAT	AGCCCTGCA	CTAGCAGGCC	AGCTAATTCA	TCTGTATTAG
1410	1420	1430	1440	1450	1460	1470
TCTGACTGTT	TTTCAGACTC	TGCTATAAGA	AGCGCTTAT	TAGGACACAT	AGTTAGCCCT	AGGTGTGAGT
1480	1490	1500	1510	1520	1530	1540
ATCAAGCAGG	ACATAGCAAG	GTAGCATGTC	TAGAACTCT	GGCACTAGCA	CGATTAAAG	CACCGAAGAA
1550	1560	1570	1580	1590	1600	1610
GATAGAGCGA	CTTTTGGCTA	GTGTTACTTA	ACTGACAGAG	GATAGATGGA	ACAAGCCCCA	GAAAGACCA
1620	1630	1640	1650	1660	1670	1680
CGAGCAGAGC	GCGAGCCACA	CAATGAATGG	AGACTAGAGC	TTTTAGAGGA	GCTTAAGGAT	GAAGCTTTA
1690	1700	1710	1720	1730	1740	1750
GACATTTTCC	TAGGATTTGG	CTCCATGGCT	TAGGCGAGCA	TATCTATGAA	ACTTATGGGG	ATACTTGGGC
1760	1770	1780	1790	1800	1810	1820
AGGAGTGGAA	GCCATAATAG	GAATTCTGCA	ACAAGCTGCTG	TTTATCCATT	TTGAGGATTC	GGTGTGACCA
1830	1840	1850	1860	1870	1880	1890
TAGCAGAAAT	GCGGTTACTC	GACAGAGGAG	AGCAAGAAAT	GGAGCCAGCA	GATCCTAGAG	TAGAGCCCGG
1900	1910	1920	1930	1940	1950	1960
AAGCATCCAG	GAAGTCAGCC	TAAAGCTGCT	TGTACCAATT	GCTATTGTAA	AAAGTGTTC	TTTCATTGCC
1970	1980	1990	2000	2010	2020	2030
AAGTTTGTTC	CATAGCAAAA	GCCTTAGGCA	TCTCCTATGG	CAGGAAGGAG	CGGAGACAGC	GAGGAAGACC
2040	2050	2060	2070	2080	2090	2100
GCCTCAAGGG	AGTCAGACTC	ATCAAGTTTC	TCTATCAAGG	CAGTAGGTAG	TAGATGTAAT	CCAGCCTATA
2110	2120	2130	2140	2150	2160	2170
CAAGTAGCAA	TAGTAGCATT	AGTAGTAGCA	ATAATAATAG	CAATAGTTGT	GTGGTCCATA	GTAGTCATAG
2180	2190	2200	2210	2220	2230	2240
GAATAGGAA	GAATATTAGA	CAAGAGAAAA	TAGACAGGTT	AATTGATAGA	CTAATAGAAA	GAGCAGAGCA
2250	2260	2270	2280	2290	2300	2310
CAGTGCAGAT	GAGAGTGAAG	GAGAAATATC	AGCAGTTGTC	GAGATGGGGG	TGGAGATGGG	GCAGCATGCT
2320	2330	2340	2350	2360	2370	2380
AGTTGAGATG	TCTATGATC	GTAGTGTAG	AGGAAATTC	TGGGTCAGAG	TCTATTATGG	GGTAGCTGGG

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(A)

10	20	30	40	50	60	70
AAAACCTGAG	TACGAGGCGA	TTTACAGG	TTTCCAGGAT	TCAGGATTA	AGTAAGCAT	AGTACGAGAC
80	90	100	110	120	130	140
CACCAATATG	CATTACGCAAT	CCTTCAGGCA	CAGCGAGATA	AAAGTGAATC	AGAGTTAGTC	AATCAGATAG
150	160	170	180	190	200	210
TGACACAGTT	AAAGGAGAGG	GGAAAGGTCCT	AATCCGCAATG	GGTACGAGCA	CACGAGGCGA	TTGCAAGGAGG
220	230	240	250	260	270	280
TGACAGATTC	GATGATTAAG	TGAGTCTCTG	AATCAGGAGG	ATAGTATTTT	TAGATGGCAAT	AGATAAGGCG
290	300	310	320	330	340	350
AGATATATTC	ATGAGCAATA	TCAGGATTAAT	TGAGAGGCAAT	TGGTATGTCG	TTTAAAGCTG	GGAGCTGTAG
360	370	380	390	400	410	420
TGCAAGAGAG	AATAGTAGTC	AGCTGTGATA	AGTGTGAGCT	AAAGGAGAGG	GGCATGCGTC	GACAGGATAG
430	440	450	460	470	480	490
TGTAAGTCTG	CGATATAGCG	AAGTAGATTC	TAGCAGTTTA	GAAGGAGAGG	TTATCTCTCT	AGCAGTTTAT
500	510	520	530	540	550	560
TGAGGAGCTG	GATATATAGA	AGCAGGAGCT	ATTCAGGAGG	AAAGAGGGCA	GGAGAGGAGG	TATTTTCTTT
570	580	590	600	610	620	630
TAGGATTAGG	AGGAGATAGG	GGAGTAAAAA	CAATACATAG	AGAGCAATGG	AGGATTTTCA	CGAGTCTTAC
640	650	660	670	680	690	700
GGTAAAGGCG	GGCTGTTGGT	GGGGGGGCAAT	CAAGCAGGAG	TTTGGCAATG	GGTACAGTCC	GGAAAGTCA
710	720	730	740	750	760	770
GGAGTAGTAG	AATCTATGAG	TAAAGCAATTA	AAGAAATTA	TAGGACAGGT	AGAGATCAG	GCTGAACATC
780	790	800	810	820	830	840
TTAGAGACAG	AGTACAAATG	GGAGTATTCA	TCCAGCAATTT	TAAAGAGAAA	GGGGGGGATTG	GGGGGGTACAG
850	860	870	880	890	900	910
TGAGGGGGAG	AGAAATAGTAG	ACATAATAGC	AAGAGAGATA	CAAACTAAAG	AATTACAGAA	ACAAATTACA
920	930	940	950	960	970	980
AAAGATTCAA	ATTTTCGGGT	TTATTACAGG	GACAGGAGAG	ATCCACTTTG	GAAGGGAGCA	GGAAAGGCTCC

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C

2390 2400 2410 2420 2430 2440 2450
TGGAGGCAAG CAACCCAGCAG TGTATTTTGT GATCAGATG CTAAAGCATA TGATACAGAG GGTACATAAT

2460 2470 2480 2490 2500 2510 2520
GTTTGGGCA CACATGGCTG TGTACCCACA GAGCCAGAGC CACAAGAGT AGTATTGGTA AATGTGACAG

2530 2540 2550 2560 2570 2580 2590
AAGATTTTAA CATGTGGAAG AATGACATGG TAGAGCAGT GATGAGGAT ATAATCATTT TATGGGATCA

2600 2610 2620 2630 2640 2650 2660
GAGCCTAAGG GATGTGTAA AATTAGCCCG AGTGTGTCTT AATTAGAGT GCACTGTTTT GAGGAGTAT

2670 2680 2690 2700 2710 2720 2730
ACTAATAGCA ATAGTACTAG GGGGAGATG ATATGAGAG AGGAGAGAT GAAAGAGTGC TTTTCAATA

2740 2750 2760 2770 2780 2790 2800
TGAGGAGAG CATAGAGGT AAGGTGAGAG AAGATATGC ATTTTTTAT AAGCTGATA TATAGCAAT

2810 2820 2830 2840 2850 2860 2870
GATAGTAT ACTAGAGGT ATAGTTGAG AAGTTGTAG AGCTCAGTCA TTACAGAGG CTGTCCAGAG

2880 2890 2900 2910 2920 2930 2940
GATGCTTTG AGCAATTCG CATACATTAT TGTCCCCCG CTGTTTTTC GATTCTAAG TGTAAATAA

2950 2960 2970 2980 2990 3000 3010
AGTGGTAA TGGAGAGGA GATGTAGAG ATGTAGGAG AGTACAGTGT ACACATGAG TTAGGCCAGT

3020 3030 3040 3050 3060 3070 3080
AGTATCAAT CAAGTGTGT TAAATGCCAG TGTAGCAGAG GAGAGGTAG TAATTAGATC TGTCAATTC

3090 3100 3110
ACGGAGATG CTAAAGCAT AATAGTACAG CT

37



PMR100
PMR200

1+
2+
4+
7+
103
105
1074
117
118
φ

*Phy
double
exposed
18°C*

1/5/84

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